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REPORTS TO THE SURGEON GENERAL, PUBLIC HEALTH AND MARINE-HOSPITAL SERVICE.

PLAGUE-PREVENTION WORK.

DISTRIBUTION OF POISON.

In connection with the making of a squirrel-free zone around the cities in California on San Francisco Bay 285 acres of land in Alameda County were covered with poison during the week ended April 1, 1911.

Record of Plague Infection.

Places.	Date of last case of human plague.	Date of last case of rat plague.	Date of last case of squirrel plague.	Total number of rodents found infected since May, 1907.
California:				
Cities—				
San Francisco.....	Jan. 30, 1908.....	Oct. 23, 1908....	None.....	398 rats.
Oakland.....	Oct. 26, 1909.....	Dec. 1, 1908.....	do.....	126 rats.
Berkeley.....	Aug. 28, 1907.....	None recorded....	do.....	None.
Los Angeles.....	Aug. 11, 1908.....	None.....	Aug. 21, 1908....	1 squirrel.
Counties—				
Alameda (exclusive of the city of Oakland).	Sept. 26, 1909.....	{ Wood rat, Oct. 17, 1909.	{ Feb. 20, 1911....	{ 95 squirrels.
Contra Costa.....	July 21, 1908.....	None.....	Sept. 10, 1910....	{ 1 wood rat.
Merced.....	None recorded.....	do.....	June 6, 1910.....	247 squirrels.
Monterey.....	do.....	do.....	do.....	4 squirrels.
San Benito.....	June 5, 1910.....	do.....	July 11, 1910.....	20 squirrels.
San Joaquin.....	None recorded.....	do.....	Jan. 9, 1911.....	11 squirrels.
San Luis Obispo.....	do.....	do.....	Jan. 29, 1910.....	1 squirrel.
Santa Clara.....	Aug. 23, 1910.....	do.....	Oct. 5, 1910.....	23 squirrels.
Santa Cruz.....	None recorded.....	do.....	May 17, 1910.....	3 squirrels.
Stanislaus.....	do.....	do.....	May 21, 1910.....	5 squirrels.
Washington:				
Seattle.....	Oct. 30, 1907.....	Feb. 8, 1910.....	None.....	22 rats.

Rats Collected and Examined for Plague Infection.

Places.	Week ended—	Found dead.	Total collected.	Examined.	Found infected.
California:					
Cities—					
Berkeley.....	Apr. 1.....	.....	1 92	52	.....
Oakland.....	do.....	45	2 470	350	.....
San Francisco.....	do.....	38	3 1,417	880	.....
Counties—					
Kern.....	do.....	.....	47	7	.....
Washington:					
Cities—					
Seattle.....	do.....	.....	1,055	140	.....
Total.....	.....	.....	3,041	1,429	.....

¹ Identified, *Mus norvegicus* 54, *Mus musculus* 38.

² Identified, *Mus norvegicus* 450, *Mus musculus* 65.

³ Identified, *Mus norvegicus* 742, *Mus rattus* 141, *Mus musculus* 416, *Mus alexandrinus* 118.

⁴ Identified, *Mus norvegicus* 7.

Squirrels Collected and Examined for Plague Infection.

Places.	Week ended—	Trapped and shot.	Found dead.	Examined.	Found infected.
California:					
Counties—					
Alameda.....	Mar. 25	303	1	289	1
Colusa.....	do.....	16		16	
Contra Costa.....	do.....	107	2	109	
Fresno.....	do.....	100		98	
Kern.....	do.....	25		22	
Imperial.....	do.....	286		269	
Los Angeles.....	do.....	491		466	
Madera.....	do.....	333		332	
Mariposa.....	do.....	127		125	
Merced.....	do.....	62		62	
Monterey.....	do.....	814	1	809	
Riverside.....	do.....	39		24	
San Joaquin.....	do.....	769		761	
San Luis Obispo.....	do.....	282	2	276	
Santa Clara.....	do.....	282		275	
Stanislaus.....	do.....	329		322	
Yolo.....	do.....	43		43	
Total.....		4,408	6	4,298	1
Apr. 1					
Alameda.....	Apr. 1	119	4	113	
Butte.....	do.....	27		27	
Colusa.....	do.....	63		63	
Contra Costa.....	do.....	73	1	74	
Fresno.....	do.....	115		115	
Imperial.....	do.....	310		301	
Kern.....	do.....	18		4	
Los Angeles.....	do.....	399		386	
Madera.....	do.....	127		127	
Mariposa.....	do.....	220		214	
Merced.....	do.....	144	6	150	
Monterey.....	do.....	831		825	
San Joaquin.....	do.....	568		562	
San Luis Obispo.....	do.....	362		360	
Santa Barbara.....	do.....	4		4	
Santa Clara.....	do.....	305		305	
Stanislaus.....	do.....	297		291	
Yolo.....	do.....	66		66	
Total.....		4,048	11	3,987	

Other Animals Collected and Examined.

Places.	Week ended—	Animals collected.	Examined.	Found infected.
California:				
Counties—				
Fresno.....	Mar. 25	4 rabbits.....	4	
Kern.....	do.....	8 kangaroo rats.....	7	
Imperial.....	do.....	7 rabbits; 2 foxes.....	8	
Los Angeles.....	do.....	2 rabbits; 1 gopher.....	3	
Madera.....	do.....	7 rabbits.....	7	
Mariposa.....	do.....	7 rabbits.....	7	
Merced.....	do.....	3 rabbits; 7 gophers.....	10	
Monterey.....	do.....	4 rabbits.....	4	
San Joaquin.....	do.....	3 rabbits.....	3	
San Luis Obispo.....	do.....	17 rabbits; 2 gophers.....	19	
Santa Clara.....	do.....	5 rabbits; 7 gophers; 9 weasels.....	21	
Stanislaus.....	do.....	6 rabbits.....	6	
Yolo.....	do.....	7 rabbits; 1 gopher.....	8	
Total.....			107	
Cities—				
San Francisco.....	Apr. 1	2 gophers.....	2	
Alameda.....	do.....	2 rabbits.....	2	
Butte.....	do.....	3 rabbits.....	3	
Fresno.....	do.....	4 rabbits.....	4	
Imperial.....	do.....	23 rabbits.....	19	
Los Angeles.....	do.....	1 rabbit.....	1	
Madera.....	do.....	21 rabbits; 2 gophers.....	23	

Other Animals Collected and Examined—Continued.

Places.	Week ended—	Animals collected.	Examined.	Found infected.
California—Continued.				
Cities—Continued.				
Mariposa.....	do.....	8 rabbits.....	8.....	.....
Merced.....	do.....	8 rabbits.....	8.....	.....
Monterey.....	do.....	2 rabbits; 3 owls; 1 badger.....	3.....	.....
San Joaquin.....	do.....	30 rabbits; 2 go- phers; 6 weasels.....	38.....	.....
San Luis Obispo.....	do.....	9 rabbits.....	9.....	.....
Santa Clara.....	do.....	3 rabbits; 10 go- phers.....	13.....	.....
Stanislaus.....	do.....	8 rabbits.....	7.....	.....
Yolo.....	do.....	3 rabbits; 1 go- pher.....	4.....	.....
Total.....			144.....	

SMALLPOX IN THE UNITED STATES.

In the following tables the States indicated by an asterisk are those from which reports of smallpox are received only from certain city and, in some cases, county boards of health. In these States, therefore, the recorded cases and deaths should not be taken as showing the general prevalence of the disease. In the States not marked by an asterisk the reports are received monthly from the State boards of health and include all cases reported throughout the State.

Reports Received During Week Ended Apr. 21, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
* Alabama:				
Birmingham.....	Apr. 2-8.....	2.....	.....
Montgomery.....	Apr. 2-8.....	3.....	.....
Total for State.....		5.....	.....
Colorado:				
Counties—				
Arapahoe.....	Feb. 1-28.....	4.....	.....
Archuleta.....	Feb. 1-28.....	3.....	.....
Boulder.....	Feb. 1-28.....	4.....	.....
Delta.....	Feb. 1-28.....	8.....	.....
Denver.....	Feb. 1-28.....	74.....	.....
Elbert.....	Feb. 1-28.....	4.....	.....
El Paso.....	Feb. 1-28.....	2.....	.....
Huerfano.....	Feb. 1-28.....	3.....	.....
Jefferson.....	Feb. 1-28.....	3.....	.....
La Plata.....	Feb. 1-28.....	7.....	.....
Larimer.....	Feb. 1-28.....	13.....	.....
Las Animas.....	Feb. 1-28.....	2.....	.....
Montrose.....	Feb. 1-28.....	11.....	.....
Morgan.....	Feb. 1-28.....	6.....	.....
Otero.....	Feb. 1-28.....	2.....	.....
Phillips.....	Feb. 1-28.....	20.....	.....
Summit.....	Feb. 1-28.....	1.....	.....
Teller.....	Feb. 1-28.....	5.....	.....
Weld.....	Feb. 1-28.....	3.....	.....
Yuma.....	Feb. 1-28.....	1.....	.....
Total for State.....		176.....	.....
Archuleta.....	Mar. 1-31.....	12.....	.....
Boulder.....	Mar. 1-31.....	3.....	.....
Chaffee.....	Mar. 1-31.....	2.....	.....
Delta.....	Mar. 1-31.....	3.....	.....
Denver.....	Mar. 1-31.....	91.....	.....
Douglas.....	Mar. 1-31.....	1.....	.....
Elbert.....	Mar. 1-31.....	17.....	.....
El Paso.....	Mar. 1-31.....	23.....	.....
Fremont.....	Mar. 1-31.....	4.....	.....